



## FACILITY COMPLIANCE INSPECTION REPORT

### Division of Waste Management Solid Waste Section

#### UNIT TYPE:

Lined MSWLF	X	LCID		YW		Transfer		Compost		SLAS		COUNTY: Cabarrus PERMIT NO.: 13-04 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

**Date of Site Inspection:** March 29, 2012

**Date of Last Inspection:** February 22, 2012

#### **FACILITY NAME AND ADDRESS:**

BFI-Charlotte Motor Speedway Landfill V  
5105 Morehead Road  
Concord, North Carolina 28027

**GPS COORDINATES:** N: 35.35196 W: 80.66805

#### **FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: Bart Keller  
Telephone: (704) 262-6002  
Email address: tkeller@republicservices.com

#### **FACILITY CONTACT ADDRESS:**

Same as above

#### **PARTICIPANTS:**

Cotton Spry, Republic Services, Inc.  
Teresa Bradford, NCDENR-Solid Waste Section  
Charles Gerstell, NCDENR-Solid Waste Section

#### **STATUS OF PERMIT:**

Amendment 11 for the Permit to Operate Cell 2I was issued on May 4, 2011. The permit shall expire on May 5, 2016. Pursuant to 15A NCNAC 13B. 0201(e), no later than October 5, 2015, the owner or operator must submit a request to the Section for permit review prepared in accordance with Section .1603(a)(2) or (3) as applicable, and must update pertinent facility plans including, but not limited to, the facility operation and waste screening plans.

#### **PURPOSE OF SITE VISIT:**

Follow-Up Inspection

#### **STATUS OF PAST NOTED VIOLATIONS:**

**15A North Carolina Administrative Code 13B .1626(2)(a).** Adequate soil cover was observed on the southern slope (previous inspection report incorrectly stated eastern slope) of Phase 3-Cell 2I. This violation is considered resolved.

#### **OBSERVED VIOLATIONS**

- 1. 15A North Carolina Administrative Code 13B .1626(2)(a) states:** *Except as provided in Sub-Item (b) of this Item, the owners or operators of all MSWLF units must cover disposed solid waste with six inches of earthen material at the end of each operating day, or at more frequent intervals if necessary, to control disease vectors, fires, odors, blowing litter, and scavenging.*

During the inspection, inadequate cover was observed on the eastern slope of Phase 3-Cell 2I where disposal operations had not occurred for at least one and half weeks. Also, inadequate cover was observed on top of Phase 3-Cell 2I to the south of the active working face where disposal operations had not occurred for at least one and half weeks. Waste was also observed piled at the end of a compactor push blade that had been stationary for one week. In addition, inadequate cover was observed on the western slope of the previous lift where disposal operations had not occurred since the previous week. The timeframes listed were confirmed by facility staff. A minimum of six inches of earthen material must be provided to all inactive areas of Phase 3-Cell 2I within **10 days** of receipt of this inspection report.



View of inadequate cover on the eastern slope of Phase 3-Cell 2I.



View of inadequate cover on the eastern slope of Phase 3-Cell 2I.



View of exposed waste above alternate daily cover on top of Phase 3-Cell 2I.



View of windblown and exposed waste on Phase 3-Cell 2I.



View of waste piled at the end a compactor blade.



View of inadequate cover on the western slope of the previous lift of Phase 3-Cell 2I.



View of inadequate cover on the western slope of the previous lift of Phase 3-Cell 2I.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

## **ADDITIONAL COMMENTS**

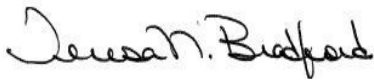
1. The facility consists of a MSWLF and a drop-off convenience area for residential waste.
2. The facility is permitted to receive solid waste generated from within the City of Concord, Cabarrus County, the State of North Carolina and the following counties in the State of South Carolina: Cherokee, York, Lancaster, Chesterfield and Chester.
3. Waste was being placed in Phase 3-Cell 2I at the time of the inspection.

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4. Edge of waste markers were in place and being maintained.
5. Roadways were well maintained.
6. Automobile shredder fluff mixed with soil, petroleum contaminated soil, tarps and foundry sand are approved as alternate daily cover when used as per the approved demonstration project reports. Areas observed during the inspection where the shredder fluff was being used (especially slopes) appear to be less resistant to weather conditions causing eroded areas and exposed waste. As noted in the previous inspection report, it is recommended to facility staff that these areas be observed and maintained on a more frequent basis and/or alternate thickness, ratio of fluff to soil, etc. to ensure proper cover is maintained.
7. 15A North Carolina Administrative Code 13B .1626(11)(c) states "Methods such as fencing and diking shall be provided within the area to confine solid waste subject to be blown by the wind. At the conclusion of each day of operation, all windblown material resulting from the operation shall be collected and returned to the area by the owner or operator." During the inspection, conditions were windy and as such windblown litter was observed on the eastern slope of Phase 3-Cell 2I. The facility utilizes portable fencing and windblown litter was being collected by two permanent employees. The facility may also consider other operational options related to the management of windblown waste that was discussed in detail during the previous inspection that may help reduce your exposure at/near the working face such as alternating disposal locations, educating drivers about cleaning out trucks, etc.
8. The facility has installed wind fencing at the lower perimeter berm at the edge of liner along the southern slope of Phase 3-Cell 2I.

Please contact me if you have any questions or concerns regarding this inspection report.



Teresa N. Bradford  
Environmental Senior Specialist  
***Regional Representative***

Phone: (704) 235-2160.

Sent on: <u>4/11/12</u>		E-mail		Hand delivery	<b>X</b>	US Mail (with NOV)		Certified No. <u>[7009 2250 0004 3265 7800]</u>
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cc: Mark Poindexter, Field Operations Branch Head  
Jason Watkins, Western District Supervisor  
Shawn McKee, NCDENR-Solid Waste Section  
Mike Gurley, Republic Services, Inc.